

Lianjun Wang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

364
papers

10,262
citations

49
h-index

79
g-index

375
ext. papers

12,837
ext. citations

7.2
avg, IF

6.69
L-index

#	Paper	IF	Citations
364	Chitosan for constructing stable polymer-inorganic suspensions and multifunctional membranes for wound healing.. <i>Carbohydrate Polymers</i> , 2022 , 285, 119209	10.3	2
363	Anionic MOF derived Bimetallic NiCo@Nano-porous carbon composites toward strong and efficient electromagnetic wave absorption. <i>Journal of Materiomics</i> , 2022 ,	6.7	1
362	Porous N-doped Ni@SiO ₂ /graphene network: Three-dimensional hierarchical architecture for strong and broad electromagnetic wave absorption. <i>Journal of Materials Science and Technology</i> , 2022 , 106, 108-117	9.1	10
361	Modulating the Electronic Structure of FeCo Nanoparticles in N-Doped Mesoporous Carbon for Efficient Oxygen Reduction Reaction.. <i>Advanced Science</i> , 2022 , e2200394	13.6	3
360	Highly ordered mesoporous 1T-MoTe ₂ /m-SiO ₂ composite as efficient microwave absorber. <i>Microporous and Mesoporous Materials</i> , 2022 , 111894	5.3	0
359	Tailoring Intermolecular Interactions Towards High-Performance Thermoelectric Ionogels at Low Humidity.. <i>Advanced Science</i> , 2022 , e2201075	13.6	4
358	Development of a Microalgal (Chlorella)-Bacterial (Paracoccus) Symbiotic System for Pyridine Biodegradation under Photosynthetic Oxygenation. <i>ACS ES&T Water</i> , 2021 , 1, 356-365		0
357	Bisphenol-A exposure leads to neurotoxicity through upregulating the expression of histone deacetylase 2 in vivo and in vitro. <i>Toxicology</i> , 2021 , 465, 153052	4.4	1
356	Nutrients Leaching from Tillage Soil Amended with Wheat Straw Biochar Influenced by Fertiliser Type. <i>Agriculture (Switzerland)</i> , 2021 , 11, 1132	3	0
355	Aquatic toxicity and aquatic ecological risk assessment of wastewater-derived halogenated phenolic disinfection byproducts. <i>Science of the Total Environment</i> , 2021 , 809, 151089	10.2	3
354	Highly Improved Microwave Absorbing and Mechanical Properties in Cold Sintered ZnO by Incorporating Graphene Oxide. <i>Journal of the European Ceramic Society</i> , 2021 ,	6	3
353	Lead-Free Halide Double Perovskite Nanocrystals for Light-Emitting Applications: Strategies for Boosting Efficiency and Stability. <i>Advanced Science</i> , 2021 , 8, 2004118	13.6	23
352	Nanoburl Graphites. <i>Advanced Materials</i> , 2021 , 33, e2007513	24	5
351	The effects of plant resource inputs on the energy flux of soil nematodes are affected by climate and plant resource type. <i>Soil Ecology Letters</i> , 2021 , 3, 134-144	2.7	3
350	Ultra-low temperature preparation of mullite glass-ceramics with high transparency sintered from EMT-type zeolite. <i>Journal of the American Ceramic Society</i> , 2021 , 104, 3158-3166	3.8	2
349	Residual Chlorine Induced Cationic Active Species on a Porous Copper Electrocatalyst for Highly Stable Electrochemical CO Reduction to C. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 11487-11493	16.4	39
348	Residual Chlorine Induced Cationic Active Species on a Porous Copper Electrocatalyst for Highly Stable Electrochemical CO ₂ Reduction to C ₂ +. <i>Angewandte Chemie</i> , 2021 , 133, 11588-11594	3.6	3

347	Rapid Screening of Human Transthyretin Disruptors through a Tiered in Silico Approach. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 5661-5672	8.3	2
346	Oriented assembly of monomicelles in beam stream enabling bimodal mesoporous metal oxide nanofibers. <i>Science China Materials</i> , 2021 , 64, 2486-2496	7.1	0
345	New insight into increased toxicity during ozonation of chlorophenol: The significant contribution of oxidizing intermediates. <i>Science of the Total Environment</i> , 2021 , 769, 144569	10.2	3
344	Biodirected Identification of Untargeted Toxicants in Industrial Wastewater Guides the Upgrading of Water Treatments. <i>Environmental Science and Technology Letters</i> , 2021 , 8, 474-481	11	2
343	Durable and washable carbon nanotube-based fibers toward wearable thermoelectric generators application. <i>Journal of Power Sources</i> , 2021 , 496, 229838	8.9	8
342	A red phosphor LaSc ₃ (BO ₃) ₄ :Eu ³⁺ with zero-thermal-quenching and high quantum efficiency for LEDs. <i>Chemical Engineering Journal</i> , 2021 , 404, 125912	14.7	29
341	Boron doping-induced interconnected assembly approach for mesoporous silicon oxycarbide architecture. <i>National Science Review</i> , 2021 , 8, nwaa152	10.8	38
340	A confined micro-reactor with a movable Fe ₃ O ₄ core and a mesoporous TiO ₂ shell for a photocatalytic Fenton-like degradation of bisphenol A. <i>Chinese Chemical Letters</i> , 2021 , 32, 1456-1461	8.1	6
339	Room-temperature ionic-liquid-assisted hydrothermal synthesis of Ag-In-Zn-S quantum dots for WLEDs. <i>Journal of Alloys and Compounds</i> , 2021 , 858, 158084	5.7	5
338	Large-Scale Synthesis of Porous Carbon/Cobalt Nanofiber for Environmental Remediation by Advanced Oxidation Processes. <i>ACS ES&T Engineering</i> , 2021 , 1, 249-260		20
337	Sub-nanometric Manganous Oxide Clusters in Nitrogen Doped Mesoporous Carbon Nanosheets for High-Performance Lithium-Sulfur Batteries. <i>Nano Letters</i> , 2021 , 21, 700-708	11.5	26
336	Sequential Ultrafiltration-Catalysis Membrane for Excellent Removal of Multiple Pollutants in Water. <i>Environmental Science & Technology</i> , 2021 , 55, 2652-2661	10.3	30
335	Pushing the Limit of Ordered Mesoporous Materials via 2D Self-Assembly for Energy Conversion and Storage. <i>Advanced Functional Materials</i> , 2021 , 31, 2007496	15.6	19
334	Mesoporous Materials-Based Electrochemical Biosensors from Enzymatic to Nonenzymatic. <i>Small</i> , 2021 , 17, e1904022	11	27
333	Regulating the carbon distribution of anode materials in lithium-ion batteries. <i>Nanoscale</i> , 2021 , 13, 3937-3947	7.7	7
332	Flexible electrocatalysts: interfacial-assembly of iron nanoparticles for nitrate reduction. <i>Chemical Communications</i> , 2021 , 57, 6740-6743	5.8	3
331	Multiscale architectures boosting thermoelectric performance of copper sulfide compound. <i>Rare Metals</i> , 2021 , 40, 1-9	5.5	5
330	Enhanced thermoelectric performance of hydrothermally synthesized polycrystalline Te-doped SnSe. <i>Chinese Chemical Letters</i> , 2021 , 32, 811-815	8.1	2

329	The nonlinear optical properties of silver nanoparticles decorated glass obtained from sintering mesoporous powders. <i>Journal of the American Ceramic Society</i> , 2021 , 104, 2571-2578	3.8	
328	Incorporating Cobalt Nanoparticles in Nitrogen-Doped Mesoporous Carbon Spheres through Composite Micelle Assembly for High-Performance Lithium-Sulfur Batteries. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 38604-38612	9.5	7
327	Hydrogen Evolution/Oxidation Electrocatalysts by the Self-Activation of Amorphous Platinum. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 44224-44233	9.5	5
326	Human transthyretin binding affinity of halogenated thiophenols and halogenated phenols: An in vitro and in silico study. <i>Chemosphere</i> , 2021 , 280, 130627	8.4	4
325	Wavy-structured thermoelectric device integrated with high-performance n-type carbon nanotube fiber prepared by multistep treatment for energy harvesting. <i>Composites Communications</i> , 2021 , 27, 100871	6.7	1
324	A Robust Hierarchical MXene/Ni/Aluminosilicate Glass Composite for High-Performance Microwave Absorption.. <i>Advanced Science</i> , 2021 , e2104163	13.6	7
323	Investigation of Steam Treatment on the Sorption Behavior of Rice Straw Pellets. <i>Energies</i> , 2020 , 13, 5401	3.1	0
322	Tunable chromaticity and high color rendering index of WLEDs with CaAlSiN ₃ :Eu ²⁺ and YAG:Ce ³⁺ dual phosphor-in-silica-glass. <i>Journal of the American Ceramic Society</i> , 2020 , 103, 4989-4998	3.8	12
321	Enhanced thermoelectric properties of hydrothermally synthesized n-type Se&Lu-codoped Bi ₂ Te ₃ . <i>Journal of Advanced Ceramics</i> , 2020 , 9, 424-431	10.7	16
320	Efficient removal of tylosin by nitrogen-doped mesoporous carbon nanospheres with tunable pore sizes. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 30844-30852	5.1	3
319	Size-distribution-based assessment of human inhalation and dermal exposure to airborne parent, oxygenated and chlorinated PAHs during a regional heavy haze episode. <i>Environmental Pollution</i> , 2020 , 263, 114661	9.3	9
318	Enhanced isophthalonitrile complexation-reduction removal using a novel anaerobic fluidized bed reactor in a bioelectrochemical system based on electric field activation (AFBR-EFA). <i>Bioresource Technology</i> , 2020 , 306, 123115	11	7
317	Evaluation of hydroxyapatite derived from flue gas desulphurization gypsum on simultaneous immobilization of lead and cadmium in contaminated soil. <i>Journal of Hazardous Materials</i> , 2020 , 400, 123038	12.8	16
316	A carbon network strategy to synthesize silicon-carbon anodes toward regulated morphologies during molten salt reduction. <i>CrystEngComm</i> , 2020 , 22, 4894-4902	3.3	
315	Removal of lead complexes by ferrous phosphate and iron phosphate: Unexpected favorable role of ferrous ions. <i>Journal of Hazardous Materials</i> , 2020 , 392, 122509	12.8	10
314	Ionic liquid assisted preparation and modulation of the photoluminescence kinetics for highly efficient CsPbX nanocrystals with improved stability. <i>Nanoscale</i> , 2020 , 12, 9569-9580	7.7	13
313	Interconnected graphene scaffolds for functional gas sensors with tunable sensitivity. <i>Journal of Materials Science and Technology</i> , 2020 , 58, 16-23	9.1	9
312	Enhancement in sintering driving force derived from in situ ordered structural collapse of mesoporous powders. <i>Journal of the American Ceramic Society</i> , 2020 , 103, 5654-5663	3.8	6

311	Defect-engineered UiO-66-NH modified thin film nanocomposite membrane with enhanced nanofiltration performance. <i>Chemical Communications</i> , 2020 , 56, 8372-8375	5.8	14
310	Efficient Removal of Organic Pollutants by Metal-organic Framework Derived Co/C Yolk-Shell Nanoreactors: Size-Exclusion and Confinement Effect. <i>Environmental Science & Technology</i> , 2020 , 54, 10289-10300	10.3	73
309	Frontispiece: Engineering Carbon Distribution in Silicon-Based Anodes at Multiple Scales. <i>Chemistry - A European Journal</i> , 2020 , 26,	4.8	1
308	Effect of Bi doping on thermoelectric properties of Ge _{0.90} Pb _{0.10} Bi _x Te compounds. <i>Materials Science in Semiconductor Processing</i> , 2020 , 109, 104955	4.3	6
307	Feasibility of concentrating textile wastewater using a hybrid forward osmosis-membrane distillation (FO-MD) process: Performance and economic evaluation. <i>Water Research</i> , 2020 , 172, 115488	12.5	38
306	N-doped Cu-MOFs for efficient electrochemical determination of dopamine and sulfanilamide. <i>Journal of Hazardous Materials</i> , 2020 , 390, 122157	12.8	41
305	Stretchable fabric generates electric power from woven thermoelectric fibers. <i>Nature Communications</i> , 2020 , 11, 572	17.4	94
304	Enhanced thermoelectric performance of PbTe-based nanocomposites through element doping and SiC nanoparticles dispersion. <i>Scripta Materialia</i> , 2020 , 179, 86-91	5.6	12
303	Site-selective exposure of iron nanoparticles to achieve rapid interface enrichment for heavy metals. <i>Chemical Communications</i> , 2020 , 56, 2795-2798	5.8	9
302	Preparation and luminescence of transparent silica glass-ceramics containing LaF ₃ :Eu ³⁺ nanocrystals. <i>Materials Letters</i> , 2020 , 271, 127764	3.3	2
301	Enhanced removal for HS by Cu-ordered mesoporous carbon foam. <i>Journal of Hazardous Materials</i> , 2020 , 396, 122710	12.8	8
300	Controllable synthesis of glass ceramics containing YF ₃ :Eu ³⁺ nanocrystals: Well-preserved Eu and prolonged lifetime. <i>Journal of the American Ceramic Society</i> , 2020 , 103, 3089-3096	3.8	4
299	Properties of MgO transparent ceramics prepared at low temperature using high sintering activity MgO powders. <i>Journal of the American Ceramic Society</i> , 2020 , 103, 5382-5391	3.8	4
298	Simultaneously improving thermopower and electrical conductivity via polar organic solvents aided layer-by-layer technique. <i>Materials Science in Semiconductor Processing</i> , 2020 , 108, 104909	4.3	1
297	Recent progress in ceramic matrix composites reinforced with graphene nanoplatelets. <i>Rare Metals</i> , 2020 , 39, 513-528	5.5	24
296	Engineering Carbon Distribution in Silicon-Based Anodes at Multiple Scales. <i>Chemistry - A European Journal</i> , 2020 , 26, 1488-1496	4.8	9
295	Low-temperature sintering of bismuth-doped glass with high fluorescence properties from mesoporous silica SBA-15. <i>Ceramics International</i> , 2020 , 46, 1164-1170	5.1	7
294	Yolk-shell structured Fe@void@mesoporous silica with high magnetization for activating peroxymonosulfate. <i>Chinese Chemical Letters</i> , 2020 , 31, 2003-2006	8.1	6

293	Nano Wave Plates Structuring and Index Matching in Transparent Hydroxyapatite-YAG: Ce Composite Ceramics for High Luminous Efficiency White Light-Emitting Diodes. <i>Advanced Materials</i> , 2020 , 32, e1905951	24	41
292	Controlled synthesis of bimetallic Prussian blue analogues to activate peroxymonosulfate for efficient bisphenol A degradation. <i>Journal of Hazardous Materials</i> , 2020 , 387, 121701	12.8	22
291	High-Efficiency Thermoelectric Power Generation Enabled by Homogeneous Incorporation of MXene in (Bi,Sb) ₂ Te ₃ Matrix. <i>Advanced Energy Materials</i> , 2020 , 10, 1902986	21.8	53
290	A novel acetogenic bacteria isolated from waste activated sludge and its potential application for enhancing anaerobic digestion performance. <i>Journal of Environmental Management</i> , 2020 , 255, 109842	7.9	4
289	Ordered mesoporous carbon-silica frameworks confined magnetic mesoporous TiO ₂ as an efficient catalyst under acoustic cavitation energy. <i>Journal of Materiomics</i> , 2020 , 6, 45-53	6.7	4
288	Bi ³⁺ induced broad NUV-excitation band in Eu ³⁺ -doped red phosphor with scheelite-related structure. <i>Journal of Luminescence</i> , 2020 , 221, 117019	3.8	10
287	Facilitated bio-mineralization of N,N-dimethylformamide in anoxic denitrification system: Long-term performance and biological mechanism. <i>Water Research</i> , 2020 , 186, 116306	12.5	22
286	Construction and application of a 1-liter upflow-stacked microbial desalination cell. <i>Chemosphere</i> , 2020 , 248, 126028	8.4	12
285	Simultaneously Breaking the Double Schottky Barrier and Phonon Transport in SrTiO ₃ -Based Thermoelectric Ceramics via Two-Step Reduction. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 52729-52738	9.5	8
284	Interfacial engineering of core-shell structured mesoporous architectures from single-micelle building blocks. <i>Nano Today</i> , 2020 , 35, 100940	17.9	8
283	BiVO ₄ /FeOOH semiconductor-microbe interface for enhanced visible-light-driven biodegradation of pyridine. <i>Water Research</i> , 2020 , 187, 116464	12.5	10
282	Size effects of platinum particles@CNT on HER and ORR performance. <i>Science China Materials</i> , 2020 , 63, 2517-2529	7.1	20
281	Confined interfacial micelle aggregating assembly of ordered macro-mesoporous tungsten oxides for HS sensing. <i>Nanoscale</i> , 2020 , 12, 20811-20819	7.7	7
280	Liquid-Phase Assisted Engineering of Highly Strong SiC Composite Reinforced by Multiwalled Carbon Nanotubes. <i>Advanced Science</i> , 2020 , 7, 2002225	13.6	2
279	Enhancing nanofiltration performance by incorporating tannic acid modified metal-organic frameworks into thin-film nanocomposite membrane. <i>Environmental Research</i> , 2020 , 191, 110215	7.9	16
278	Enhanced TE properties of Cu@Ag/Bi ₂ Te ₃ nanocomposites by decoupling electrical and thermal properties. <i>Chinese Chemical Letters</i> , 2020 , 31, 880-884	8.1	10
277	Multifunctional silicon carbide matrix composites optimized by three-dimensional graphene scaffolds. <i>Carbon</i> , 2019 , 155, 215-222	10.4	9
276	Nitrate stimulation of N-Methylpyrrolidone biodegradation by <i>Paracoccus pantotrophus</i> : Metabolite mechanism and Genomic characterization. <i>Bioresource Technology</i> , 2019 , 294, 122185	11	13

275	Synthesis of freestanding PEDOT:PSS/PVA@Ag NPs nanofiber film for high-performance flexible thermoelectric generator. <i>Polymer</i> , 2019 , 167, 102-108	3.9	31
274	Efficient and rapid removal of EDTA-chelated Pb(II) by the Fe(III)/flue gas desulfurization gypsum (FGDG) system. <i>Journal of Colloid and Interface Science</i> , 2019 , 542, 379-386	9.3	9
273	A phenolic resin-assisted strategy for MOF-derived hierarchical Co/N-doped carbon rhombic dodecahedra for electrocatalysis. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 5173-5178	13	32
272	Carbon-Encapsulated Copper Sulfide Leading to Enhanced Thermoelectric Properties. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 22457-22463	9.5	22
271	Modified hydrous zirconium oxide/PAN nanofibers for efficient defluoridation from groundwater. <i>Science of the Total Environment</i> , 2019 , 685, 401-409	10.2	28
270	Facile synthesis of mesoporous WO ₃ @graphene aerogel nanocomposites for low-temperature acetone sensing. <i>Chinese Chemical Letters</i> , 2019 , 30, 2032-2038	8.1	25
269	Mesoporous WO Nanofibers With Crystalline Framework for High-Performance Acetone Sensing. <i>Frontiers in Chemistry</i> , 2019 , 7, 266	5	21
268	Microstructure and composition engineering Yb single-filled CoSb ₃ for high thermoelectric and mechanical performances. <i>Journal of Materiomics</i> , 2019 , 5, 702-710	6.7	17
267	Structurally nanocrystalline electrically monocrystalline Sb ₂ Te ₃ with high thermoelectric performance. <i>Scripta Materialia</i> , 2019 , 166, 81-86	5.6	6
266	Engineering the Distribution of Carbon in Silicon Oxide Nanospheres at the Atomic Level for Highly Stable Anodes. <i>Angewandte Chemie</i> , 2019 , 131, 6741-6745	3.6	14
265	Engineering the Distribution of Carbon in Silicon Oxide Nanospheres at the Atomic Level for Highly Stable Anodes. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 6669-6673	16.4	142
264	Confined pyrolysis of metal-organic frameworks to N-doped hierarchical carbon for non-radical dominated advanced oxidation processes. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 12547-12555	13	68
263	Prussian blue analogues-derived bimetallic iron-cobalt selenides for efficient overall water splitting. <i>Journal of Colloid and Interface Science</i> , 2019 , 548, 48-55	9.3	33
262	Ultra-strong nanographite bulks based on a unique carbon nanotube linked graphite onions structure. <i>Carbon</i> , 2019 , 149, 436-444	10.4	7
261	Simultaneous debromination and mineralization of bromophenol in an up-flow electricity-stimulated anaerobic system. <i>Water Research</i> , 2019 , 157, 8-18	12.5	32
260	Concentration and Recovery of Dyes from Textile Wastewater Using a Self-Standing, Support-Free Forward Osmosis Membrane. <i>Environmental Science & Technology</i> , 2019 , 53, 3078-3086	10.3	45
259	A novel red phosphor Ba ₂ La ₄ Y ₄ (SiO ₄) ₆ O ₂ :Eu ³⁺ with high quantum yield and thermal stability for warm white LEDs. <i>Journal of Alloys and Compounds</i> , 2019 , 789, 381-391	5.7	33
258	The effect of reduced graphene oxide on microstructure and thermoelectric properties of Nb-doped A-site-deficient SrTiO ₃ ceramics. <i>Journal of Alloys and Compounds</i> , 2019 , 786, 884-893	5.7	35

257	Metal organic framework-derived hollow cactus-like carbon sheets for oxygen reduction. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 20162-20168	13	10
256	Decomposition of complexed Pb(II) and subsequent adsorption of Pb(II) with yolk-shell FeO@hydroxyl zirconium oxide sphere. <i>Journal of Colloid and Interface Science</i> , 2019 , 556, 65-73	9.3	10
255	Enhanced nitrobenzene reduction by modified biochar supported sulfidated nano zerovalent iron: Comparison of surface modification methods. <i>Science of the Total Environment</i> , 2019 , 694, 133701	10.2	28
254	Hydrothermal synthesis of highly fluorescent AgInS/ZnS core/shell quantum dots for white light-emitting diodes. <i>Journal of Alloys and Compounds</i> , 2019 , 804, 119-127	5.7	17
253	Substantially enhanced anaerobic reduction of nitrobenzene by biochar stabilized sulfide-modified nanoscale zero-valent iron: Process and mechanisms. <i>Environment International</i> , 2019 , 131, 105020	12.9	38
252	Development of a 3D ordered macroporous RuO electrode for efficient pyrazole removal from water. <i>Chemosphere</i> , 2019 , 237, 124471	8.4	5
251	Tailoring the Assembly of Iron Nanoparticles in Carbon Microspheres toward High-Performance Electrocatalytic Denitrification. <i>Nano Letters</i> , 2019 , 19, 5423-5430	11.5	72
250	Co-processing of MSWI fly ash and copper smelting wastewater and the leaching behavior of the co-processing products in landfill leachate. <i>Waste Management</i> , 2019 , 95, 628-635	8.6	4
249	Hierarchical Branched Mesoporous TiO-SnO Nanocomposites with Well-Defined n-n Heterojunctions for Highly Efficient Ethanol Sensing. <i>Advanced Science</i> , 2019 , 6, 1902008	13.6	47
248	Low temperature self-densification of high strength bulk hexagonal boron nitride. <i>Nature Communications</i> , 2019 , 10, 854	17.4	7
247	Ultrathin and Light-Weight Graphene Aerogel with Precisely Tunable Density for Highly Efficient Microwave Absorbing. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 46386-46396	9.5	52
246	Silicon: toward eco-friendly reduction techniques for lithium-ion battery applications. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 24715-24737	13	40
245	Electrospun Nanofibrous Polyphenylene Oxide Membranes for High-Salinity Water Desalination by Direct Contact Membrane Distillation. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 20060-20069	8.3	17
244	Uniform dispersion of SiC in Yb-filled skutterudite nanocomposites with high thermoelectric and mechanical performance. <i>Scripta Materialia</i> , 2019 , 162, 166-171	5.6	33
243	Mechanically robust poly[vinyl-(4-benzyl-N,N,N-trimethylammonium bromide) ketone]/polybenzimidazole blend membranes for anion conductive solid electrolytes. <i>Journal of Membrane Science</i> , 2019 , 572, 262-270	9.6	8
242	Hydrophilic Hollow Nanocube-Functionalized Thin Film Nanocomposite Membrane with Enhanced Nanofiltration Performance. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 5344-5352	9.5	74
241	Separation and recovery of copper from waste printed circuit boards leach solution using solvent extraction with Acorga M5640 as extractant. <i>Separation Science and Technology</i> , 2019 , 54, 1302-1311	2.5	13
240	Use of a novel coupled-oxidation tubular reactor (COTR)/ NTP-DBD catalytic plasma in a synergistic electro-catalysis system for odorous mercaptans degradation. <i>Chemosphere</i> , 2019 , 216, 533-544	8.4	9

239	Singlet oxygen-dominated non-radical oxidation process for efficient degradation of bisphenol A under high salinity condition. <i>Water Research</i> , 2019 , 148, 416-424	12.5	350
238	Spatial, seasonal and particle size dependent variations of PAH contamination in indoor dust and the corresponding human health risk. <i>Science of the Total Environment</i> , 2019 , 653, 423-430	10.2	31
237	A new family of carbon materials with exceptional mechanical properties. <i>Applied Physics A: Materials Science and Processing</i> , 2018 , 124, 1	2.6	9
236	Contamination characteristics of trace metals in dust from different levels of roads of a heavily air-polluted city in north China. <i>Environmental Geochemistry and Health</i> , 2018 , 40, 2441-2452	4.7	11
235	Preparation of mesoporous crack-free Sb-SnO ₂ xerogels through ambient-pressure drying and its application as three-dimensional electrode. <i>Journal of Sol-Gel Science and Technology</i> , 2018 , 86, 479-492 ^{2,3}		3
234	Hydrothermal synthesis of bright and stable AgInS ₂ quantum dots with tunable visible emission. <i>Journal of Luminescence</i> , 2018 , 200, 189-195	3.8	26
233	Metal-Organic Framework-Derived Hollow Carbon Nanocubes for Fast Solid-Phase Microextraction of Polycyclic Aromatic Hydrocarbons. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 15051-15057	9.5	34
232	Effectively enhanced thermopower in polyaniline/Bi _{0.5} Sb _{1.5} Te ₃ nanoplate composites via carrier energy scattering. <i>Journal of Materials Science</i> , 2018 , 53, 6752-6762	4.3	14
231	Enhanced thermoelectric and mechanical properties of Na-doped polycrystalline SnSe thermoelectric materials via CNTs dispersion. <i>Journal of Alloys and Compounds</i> , 2018 , 741, 756-764	5.7	38
230	Convenient synthesis and engineering of ultrafine Co ₃ O ₄ -incorporated carbon composite: towards practical application of environmental remediation. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 3454-3461 ¹³		48
229	A thermally crosslinked multiblock sulfonated poly(arylene ether ketone nitrile) copolymer with a 1,2,3-triazole pendant for proton conducting membranes. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 3560-3570 ^{13,21}		
228	Flexible cellulose-based thermoelectric sponge towards wearable pressure sensor and energy harvesting. <i>Chemical Engineering Journal</i> , 2018 , 338, 1-7	14.7	62
227	Developing new adsorptive membrane by modification of support layer with iron oxide microspheres for arsenic removal. <i>Journal of Colloid and Interface Science</i> , 2018 , 514, 760-768	9.3	47
226	A Self-Standing, Support-Free Membrane for Forward Osmosis with No Internal Concentration Polarization. <i>Environmental Science and Technology Letters</i> , 2018 , 5, 266-271	11	36
225	Nitrogen-enriched carbon sheet for Methyl blue dye adsorption. <i>Journal of Environmental Management</i> , 2018 , 215, 123-131	7.9	37
224	A novel approach for recovery of metals from waste printed circuit boards and simultaneous removal of iron from steel pickling waste liquor by two-step hydrometallurgical method. <i>Waste Management</i> , 2018 , 71, 411-419	8.6	25
223	Simultaneous pyridine biodegradation and nitrogen removal in an aerobic granular system. <i>Journal of Environmental Sciences</i> , 2018 , 67, 318-329	6.4	20
222	Electrospun mulberry-like hierarchical carbon fiber web for high-performance supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2018 , 512, 713-721	9.3	25

221	Preparation of monophasic titanium sub-oxides of Magn η phase with enhanced thermoelectric performance. <i>Journal of the European Ceramic Society</i> , 2018 , 38, 507-513	6	10
220	Preliminary assessment on exposure of four typical populations to potentially toxic metals by means of skin wipes under the influence of haze pollution. <i>Science of the Total Environment</i> , 2018 , 613-614, 886-893	10.2	10
219	Enhanced anoxic biodegradation of pyridine coupled to nitrification in an inner loop anoxic/oxic-dynamic membrane bioreactor (A/O-DMBR). <i>Bioresource Technology</i> , 2018 , 267, 626-633	11	29
218	Nanostructured binary copper chalcogenides: synthesis strategies and common applications. <i>Nanoscale</i> , 2018 , 10, 15130-15163	7.7	46
217	Iron nanoparticles in capsules: derived from mesoporous silica-protected Prussian blue microcubes for efficient selenium removal. <i>Chemical Communications</i> , 2018 , 54, 5887-5890	5.8	23
216	Porous-Carbon-Confined Formation of Monodisperse Iron Nanoparticle Yolks toward Versatile Nanoreactors for Metal Extraction. <i>Chemistry - A European Journal</i> , 2018 , 24, 15663-15668	4.8	13
215	Thin Film Thermoelectric Materials: Classification, Characterization, and Potential for Wearable Applications. <i>Coatings</i> , 2018 , 8, 244	2.9	31
214	Room-Temperature Ionic-Liquid-Assisted Microwave Preparation of Tunable Photoluminescent Copper-Indium-Zinc-Sulfide Quantum Dots. <i>Chemistry - A European Journal</i> , 2018 , 24, 16407-16417	4.8	5
213	Molecularly imprinted electrospun nanofibers for adsorption of 2,4-dinitrotoluene in water. <i>Analyst, The</i> , 2018 , 143, 3465-3471	5	13
212	Electrochemical treatment of flutriafol wastewater using a novel 3D macroporous PbO filter: Operating parameters, mechanism and toxicity assessment. <i>Journal of Hazardous Materials</i> , 2018 , 358, 187-197	12.8	29
211	Enhancing the thermoelectric performance of filled skutterudite nanocomposites in a wide temperature range via electroless silver plating. <i>Scripta Materialia</i> , 2018 , 146, 136-141	5.6	11
210	Substantial enhancement of anaerobic pyridine bio-mineralization by electrical stimulation. <i>Water Research</i> , 2018 , 130, 291-299	12.5	71
209	Hollow Mesoporous Carbon Nanocubes: Rigid-Interface-Induced Outward Contraction of Metal-Organic Frameworks. <i>Advanced Functional Materials</i> , 2018 , 28, 1705253	15.6	71
208	Electrically Conductive and Mechanically Strong Graphene/Mullite Ceramic Composites for High-Performance Electromagnetic Interference Shielding. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 39245-39256	9.5	40
207	Enhanced heterogeneous Fenton-like systems based on highly dispersed Fe-FeO nanoparticles embedded ordered mesoporous carbon composite catalyst. <i>Environmental Pollution</i> , 2018 , 243, 1068-1077	9.7	30
206	Achieving high-performance nitrate electrocatalysis with PdCu nanoparticles confined in nitrogen-doped carbon coralline. <i>Nanoscale</i> , 2018 , 10, 19023-19030	7.7	35
205	Promotion of -Chlorophenol Reduction and Extracellular Electron Transfer in an Anaerobic System at the Presence of Iron-Oxides. <i>Frontiers in Microbiology</i> , 2018 , 9, 2052	5.7	10
204	Metal-organic framework derived Co ₃ O ₄ /C@SiO ₂ yolk-shell nanoreactors with enhanced catalytic performance. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 11226-11235	13	93

203	Bioaugmentation potential of a newly isolated strain <i>Sphingomonas</i> sp. NJUST37 for the treatment of wastewater containing highly toxic and recalcitrant tricyclazole. <i>Bioresource Technology</i> , 2018 , 264, 98-105	11	31
202	In Situ Growth of ZIF-8 on PAN Fibrous Filters for Highly Efficient U(VI) Removal. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 24164-24171	9.5	111
201	Reuse of Fenton sludge as an iron source for NiFeO synthesis and its application in the Fenton-based process. <i>Journal of Environmental Sciences</i> , 2017 , 53, 1-8	6.4	42
200	Nanostructured CoP: An efficient catalyst for degradation of organic pollutants by activating peroxymonosulfate. <i>Journal of Hazardous Materials</i> , 2017 , 329, 92-101	12.8	103
199	Probing the redox process of p-benzoquinone in dimethyl sulphoxide by using fluorescence spectroelectrochemistry. <i>Frontiers of Environmental Science and Engineering</i> , 2017 , 11, 1	5.8	8
198	The key role of biogenic manganese oxides in enhanced removal of highly recalcitrant 1,2,4-triazole from bio-treated chemical industrial wastewater. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 10570-10583	5.1	10
197	Synthesis of ZSM-5 aggregates made of zeolite nanocrystals through a simple solvent-free method. <i>Microporous and Mesoporous Materials</i> , 2017 , 243, 112-118	5.3	37
196	Constructing nanoporous carbon nanotubes/Bi ₂ Te ₃ composite for synchronous regulation of the electrical and thermal performances. <i>Journal of Applied Physics</i> , 2017 , 121, 055104	2.5	13
195	Dual-Functional Ultrafiltration Membrane for Simultaneous Removal of Multiple Pollutants with High Performance. <i>Environmental Science & Technology</i> , 2017 , 51, 5098-5107	10.3	54
194	Electrospun ZIF-based hierarchical carbon fiber as an efficient electrocatalyst for the oxygen reduction reaction. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 1211-1220	13	136
193	Bioassay directed identification of toxicants in sludge and related reused materials from industrial wastewater treatment plants in the Yangtze River Delta. <i>Chemosphere</i> , 2017 , 168, 191-198	8.4	14
192	Positively Charged Nanofiltration Membrane with Dendritic Surface for Toxic Element Removal. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 784-792	8.3	67
191	Zwitterionic carbon nanotube assisted thin-film nanocomposite membranes with excellent efficiency for separation of mono/divalent ions from brackish water. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 13730-13739	13	44
190	Assessment of leaching behavior and human bioaccessibility of rare earth elements in typical hospital waste incineration ash in China. <i>Frontiers of Environmental Science and Engineering</i> , 2017 , 11, 1	5.8	6
189	The effect of Mg on digestion performance and microbial community structures in sludge digestion systems. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 17474-17484	5.1	0
188	Assessing human bioaccessibility of trace contaminants in size-fractionated red mud, derived precipitates and geopolymeric blocks. <i>Frontiers of Environmental Science and Engineering</i> , 2017 , 11, 1	5.8	
187	Amorphous TiO Shells: A Vital Elastic Buffering Layer on Silicon Nanoparticles for High-Performance and Safe Lithium Storage. <i>Advanced Materials</i> , 2017 , 29, 1700523	24	265
186	Enhancing the performance of Ce:YAG phosphor-in-silica-glass by controlling interface reaction. <i>Acta Materialia</i> , 2017 , 130, 289-296	8.4	39

185	The off-stoichiometry effect on the optical properties of water-soluble copper indium zinc sulfide quantum dots. <i>Journal of Colloid and Interface Science</i> , 2017 , 496, 479-486	9.3	16
184	Multiblock poly(Phenylene ether nitrile)s with pendant sulfoalkoxyl side chain for H ₂ /air fuel cells at low humidity condition. <i>Journal of Polymer Science Part A</i> , 2017 , 55, 1940-1948	2.5	10
183	Sulfonated reduced graphene oxide as a conductive layer in sulfonated poly(ether ether ketone) nanocomposite membranes. <i>Journal of Membrane Science</i> , 2017 , 524, 663-672	9.6	76
182	Bioaugmentation of a continuous-flow self-forming dynamic membrane bioreactor for the treatment of wastewater containing high-strength pyridine. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 3437-3447	5.1	21
181	Hollow mesoporous carbon spheres-based fiber coating for solid-phase microextraction of polycyclic aromatic hydrocarbons. <i>Journal of Chromatography A</i> , 2017 , 1520, 58-64	4.5	18
180	Realizing high-performance thermoelectric power generation through grain boundary engineering of skutterudite-based nanocomposites. <i>Nano Energy</i> , 2017 , 41, 501-510	17.1	87
179	Nanosized amine-rich spheres embedded polymeric beads for Cr (VI) removal. <i>Journal of Colloid and Interface Science</i> , 2017 , 508, 369-377	9.3	10
178	Dual-Pore Carbon Shells for Efficient Removal of Humic Acid from Water. <i>Chemistry - A European Journal</i> , 2017 , 23, 16249-16256	4.8	10
177	Deep-Eutectic Solvents Derived Nitrogen-Doped Graphitic Carbon as a Superior Electrocatalyst for Oxygen Reduction. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 32737-32744	9.5	29
176	Poly(2,5-benzimidazole)-Grafted Graphene Oxide as an Effective Proton Conductor for Construction of Nanocomposite Proton Exchange Membrane. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 33049-33058	9.5	42
175	Surface and Interface Engineering of Silicon-Based Anode Materials for Lithium-Ion Batteries. <i>Advanced Energy Materials</i> , 2017 , 7, 1701083	21.8	249
174	Fractionation and Concentration of High-Salinity Textile Wastewater using an Ultra-Permeable Sulfonated Thin-film Composite. <i>Environmental Science & Technology</i> , 2017 , 51, 9252-9260	10.3	44
173	Origin of ultraviolet photoluminescence in zeolite-derived glass. <i>Journal of Non-Crystalline Solids</i> , 2017 , 471, 462-466	3.9	2
172	Preparation and characterization of a TiO ₂ -NT/SnO ₂ tubular porous electrode with long service lifetime for wastewater treatment process. <i>RSC Advances</i> , 2017 , 7, 37806-37814	3.7	19
171	Fiber breakage behavior of long glass fiber-reinforced polypropylene through the convergent channel. <i>Journal of Reinforced Plastics and Composites</i> , 2017 , 36, 1629-1638	2.9	3
170	Pesticide tailwater deeply treated by tubular porous electrode reactor (TPER): Purpose for discharging and cost saving. <i>Chemosphere</i> , 2017 , 185, 86-93	8.4	9
169	Nitrogen-Doped Hollow Mesoporous Carbon Spheres for Efficient Water Desalination by Capacitive Deionization. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 6635-6644	8.3	111
168	Iron-tannin-framework complex modified PES ultrafiltration membranes with enhanced filtration performance and fouling resistance. <i>Journal of Colloid and Interface Science</i> , 2017 , 505, 642-652	9.3	45

167	A comprehensive physico-chemical study on the molecular structure effects of sulfonated polyamide thin-film composites. <i>Molecular Systems Design and Engineering</i> , 2017 , 2, 57-66	4.6	4
166	Graphene promoted oxygen vacancies in perovskite for enhanced thermoelectric properties. <i>Carbon</i> , 2017 , 112, 169-176	10.4	49
165	On-line separation and pre-concentration on a mesoporous silica-grafted graphene oxide adsorbent coupled with solution cathode glow discharge-atomic emission spectrometry for the determination of lead. <i>Microchemical Journal</i> , 2017 , 130, 353-359	4.8	38
164	Enhanced thermoelectric properties in p-type Bi _{0.4} Sb _{1.6} Te ₃ alloy by combining incorporation and doping using multi-scale CuAlO ₂ particles. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2017 , 214, 1600451	1.6	5
163	Density functional theoretical studies on effect of intramolecular hydrogen bonds on reduction of nitrophenols. <i>Chemical Research in Chinese Universities</i> , 2017 , 33, 785-793	2.2	3
162	Enhanced thermoelectric performance of Se-doped PbTe bulk materials via nanostructuring and multi-scale hierarchical architecture. <i>Journal of Alloys and Compounds</i> , 2017 , 725, 563-572	5.7	29
161	Graphene nanosheet/titanium carbide composites of a fine-grained structure and improved mechanical properties. <i>Ceramics International</i> , 2016 , 42, 165-172	5.1	28
160	Role of surfactants on the hydrolysis and acidogenesis of waste-activated sludge. <i>Desalination and Water Treatment</i> , 2016 , 57, 16336-16345		9
159	A Micelle Fusion-Aggregation Assembly Approach to Mesoporous Carbon Materials with Rich Active Sites for Ultrasensitive Ammonia Sensing. <i>Journal of the American Chemical Society</i> , 2016 , 138, 12586-95	16.4	116
158	Enhancing anaerobic digestion of waste activated sludge by the combined use of NaOH and Mg(OH) ₂ : Performance evaluation and mechanism study. <i>Bioresource Technology</i> , 2016 , 220, 601-608	11	19
157	Hierarchical ordered macro/mesoporous titania with a highly interconnected porous structure for efficient photocatalysis. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 16446-16453	13	22
156	Flow between eccentric cylinders: a shear-extensional controllable flow 2016 , 28, 139-148		2
155	Silicon/Mesoporous Carbon/Crystalline TiO Nanoparticles for Highly Stable Lithium Storage. <i>ACS Nano</i> , 2016 , 10, 10524-10532	16.7	197
154	Influence of Sintering Temperatures on Microstructures and the Thermal Conductivity of CuAlO ₂ Ceramics. <i>Materials Science Forum</i> , 2016 , 848, 222-227	0.4	1
153	Comprehensive comparison of bacterial communities in a membrane-free bioelectrochemical system for removing different mononitrophenols from wastewater. <i>Bioresource Technology</i> , 2016 , 216, 645-52	11	40
152	Variation of Transparency of Zeolite-Derived Silica Glass Prepared by Spark Plasma Sintering. <i>Materials Science Forum</i> , 2016 , 848, 305-311	0.4	
151	Preparation of Highly Transparent Silica Glass by SPS Sintering of SBA-15. <i>Materials Science Forum</i> , 2016 , 848, 312-318	0.4	1
150	Iron/Copper bimetallic nanoparticles supported on hollow mesoporous silica spheres: the effect of Fe/Cu ratio on heterogeneous Fenton degradation of a dye. <i>RSC Advances</i> , 2016 , 6, 54623-54635	3.7	60

149	Synthesis of CeO ₂ nanosheets with a room temperature ionic liquid assisted method. <i>Journal of Advanced Ceramics</i> , 2016 , 5, 111-116	10.7	7
148	One-Pot Aqueous Phase Synthesis of CdTe and CdTe/ZnS Core/Shell Quantum Dots. <i>Journal of Nanoscience and Nanotechnology</i> , 2016 , 16, 5755-60	1.3	3
147	Enhanced proton conductivity of multiblock poly(phenylene ether ketone)s via pendant sulfoalkoxyl side chains with excellent H ₂ /air fuel cell performance. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 2321-2331	13	30
146	Arsenate removal from groundwater by modified alkaline residue. <i>Desalination and Water Treatment</i> , 2016 , 57, 20401-20410		2
145	Enhanced bioelectrochemical reduction of p-nitrophenols in the cathode of self-driven microbial fuel cells. <i>RSC Advances</i> , 2016 , 6, 29072-29079	3.7	15
144	A synergetic analysis method for antifouling behavior investigation on PES ultrafiltration membrane with self-assembled TiO ₂ nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2016 , 469, 164-176	9.3	33
143	Preparation of AgNPs/Ca ₃ Co ₄ O ₉ nanocomposites with enhanced thermoelectric performance. <i>Materials Today Communications</i> , 2016 , 6, 44-49	2.5	12
142	Nanosized yolk-shell Fe ₃ O ₄ @Zr(OH) _x spheres for efficient removal of Pb(II) from aqueous solution. <i>Journal of Hazardous Materials</i> , 2016 , 309, 1-9	12.8	38
141	Preparation of porous TiO ₂ -NTs/m-SnO ₂ -Sb electrode for electrochemical degradation of benzoic acid. <i>RSC Advances</i> , 2016 , 6, 19848-19856	3.7	22
140	Entrance flow of long glass fiber reinforced polypropylene through contraction die. <i>Journal of Reinforced Plastics and Composites</i> , 2016 , 35, 111-123	2.9	7
139	Efficient nitro reduction and dechlorination of 2,4-dinitrochlorobenzene through the integration of bioelectrochemical system into upflow anaerobic sludge blanket: A comprehensive study. <i>Water Research</i> , 2016 , 88, 257-265	12.5	85
138	Hydrolysis and acidification of waste activated sludge enhanced by zero valent iron-acid pretreatment: effect of pH. <i>Desalination and Water Treatment</i> , 2016 , 57, 12099-12107		6
137	Solid-State Sintering of Glasses with Optical Nonlinearity from Mesoporous Powders. <i>Journal of the American Ceramic Society</i> , 2016 , 99, 1579-1586	3.8	9
136	Controllable synthesis of N-doped hollow-structured mesoporous carbon spheres by an amine-induced Stober-silica/carbon assembly process. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 11916-11923	13.3	43
135	Adsorption of Pb(2+) from aqueous solution using spinel ferrite prepared from steel pickling sludge. <i>Water Science and Technology</i> , 2016 , 73, 1112-21	2.2	9
134	Biodegradation mechanism of 1H-1,2,4-triazole by a newly isolated strain <i>Shinella</i> sp. NJUST26. <i>Scientific Reports</i> , 2016 , 6, 29675	4.9	17
133	Near-Infrared Broadband Photoluminescence of Bismuth-Doped Zeolite-Derived Silica Glass Prepared by SPS. <i>Journal of the American Ceramic Society</i> , 2016 , 99, 121-127	3.8	9
132	Monodisperse mesoporous TiO ₂ microspheres for dye sensitized solar cells. <i>Nano Energy</i> , 2016 , 26, 16-25	17.1	43

131	Synthesis of N-Doped Hollow-Structured Mesoporous Carbon Nanospheres for High-Performance Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 7194-204	9.5	156
130	Antifouling and High Flux Sulfonated Polyamide Thin-Film Composite Membrane for Nanofiltration. <i>Industrial & Engineering Chemistry Research</i> , 2016 , 55, 4726-4733	3.9	34
129	Preparation and Properties of Up-Conversion Luminescent NaYF ₄ :Yb ³⁺ , Er ³⁺ Ceramics. <i>Materials Science Forum</i> , 2016 , 848, 262-271	0.4	
128	Electrochemical degradation of pyridine by Ti/SnO ₂ -Sb tubular porous electrode. <i>Chemosphere</i> , 2016 , 149, 49-56	8.4	98
127	A Promising Energy-Saving and Environmental-Friendly Lighting Device: High CRI White LED with Phosphor Materials. <i>Materials Science Forum</i> , 2016 , 848, 446-453	0.4	
126	Facile Synthesis of Smart Nanocontainers as Key Components for Construction of Self-Healing Coating with Superhydrophobic Surfaces. <i>Nanoscale Research Letters</i> , 2016 , 11, 231	5	43
125	Alkaline stable anion exchange membranes based on poly(phenylene-co-arylene ether ketone) backbones. <i>Polymer Chemistry</i> , 2016 , 7, 5988-5995	4.9	24
124	Coupling of iron shavings into the anaerobic system for enhanced 2,4-dinitroanisole reduction in wastewater. <i>Water Research</i> , 2016 , 101, 457-466	12.5	44
123	Utilization of phosphorus loaded alkaline residue to immobilize lead in a shooting range soil. <i>Chemosphere</i> , 2016 , 162, 315-23	8.4	28
122	Sinterability Enhancement by Collapse of Mesoporous Structure of SBA-15 in Fabrication of Highly Transparent Silica Glass. <i>Journal of the American Ceramic Society</i> , 2015 , 98, 1056-1059	3.8	13
121	Hydrolysis and volatile fatty acids accumulation of waste activated sludge enhanced by the combined use of nitrite and alkaline pH. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 18793-800	5.1	13
120	Recycling flue gas desulphurization (FGD) gypsum for removal of Pb(II) and Cd(II) from wastewater. <i>Journal of Colloid and Interface Science</i> , 2015 , 457, 86-95	9.3	43
119	Selective removal of nitroaromatic compounds from wastewater in an integrated zero valent iron (ZVI) reduction and ZVI/H ₂ O ₂ oxidation process. <i>RSC Advances</i> , 2015 , 5, 57444-57452	3.7	16
118	Iron/copper bimetallic nanoparticles supported on hollow mesoporous silica spheres: an effective heterogeneous Fenton catalyst for orange II degradation. <i>RSC Advances</i> , 2015 , 5, 69593-69605	3.7	48
117	Aerobic granulation strategy for bioaugmentation of a sequencing batch reactor (SBR) treating high strength pyridine wastewater. <i>Journal of Hazardous Materials</i> , 2015 , 295, 153-60	12.8	46
116	Highly strain tolerant and tough ceramic composite by incorporation of graphene. <i>Carbon</i> , 2015 , 90, 274-283	12.3	24
115	Preparation of bulk AgNWs/PEDOT:PSS composites: a new model towards high-performance bulk organic thermoelectric materials. <i>RSC Advances</i> , 2015 , 5, 45106-45112	3.7	33
114	Enhanced p-nitrophenol removal in a membrane-free bio-contact coupled bioelectrochemical system. <i>RSC Advances</i> , 2015 , 5, 27052-27059	3.7	7

113	Controllable Synthesis of Functional Hollow Carbon Nanostructures with Dopamine As Precursor for Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 18609-17	9.5	116
112	Characteristics of pyridine biodegradation by a novel bacterial strain, Rhizobium sp. NJUST18. <i>Desalination and Water Treatment</i> , 2015 , 53, 2005-2013		22
111	Control of doping by matrix in few-layer graphene/metal oxide composites with highly enhanced electrical conductivity. <i>Carbon</i> , 2015 , 81, 83-90	10.4	32
110	Preparation and Mechanical Properties of Graphene Nanosheet Reinforced Alumina Composites. <i>Advanced Engineering Materials</i> , 2015 , 17, 28-35	3.5	50
109	Enhanced reductive transformation of 2,4-dinitroanisole in a anaerobic system: the key role of zero valent iron. <i>RSC Advances</i> , 2015 , 5, 75195-75203	3.7	14
108	A Multilayer Naïve Bayes Model for Analyzing User's Retweeting Sentiment Tendency. <i>Computational Intelligence and Neuroscience</i> , 2015 , 2015, 510281	3	0
107	Fouling behavior of polyethersulfone ultrafiltration membranes functionalized with sol-gel formed ZnO nanoparticles. <i>RSC Advances</i> , 2015 , 5, 50711-50719	3.7	40
106	Direct indication of a higher central temperature achieved during spark plasma sintering process of a zeolite. <i>Journal of the European Ceramic Society</i> , 2015 , 35, 1599-1603	6	13
105	Improved Thermoelectric Performance of Silver Nanoparticles-Dispersed Bi ₂ Te ₃ Composites Deriving from Hierarchical Two-Phased Heterostructure. <i>Advanced Functional Materials</i> , 2015 , 25, 966-978	15.6	198
104	An efficient thermoelectric material: preparation of reduced graphene oxide/polyaniline hybrid composites by cryogenic grinding. <i>RSC Advances</i> , 2015 , 5, 8988-8995	3.7	40
103	Synthesis of Ag@SiO ₂ yolk-shell nanoparticles for hydrogen peroxide detection. <i>RSC Advances</i> , 2015 , 5, 17372-17378	3.7	17
102	Preparation and Performance of Ce:YAG Phosphor-in-Glass. <i>Wuji Cailiao Xuebao/Journal of Inorganic Materials</i> , 2015 , 30, 588	1	2
101	Preparation and properties of reduced graphene oxide/fused silica composites. <i>Carbon</i> , 2014 , 77, 66-75	10.4	40
100	Fabrication of ordered mesoporous carbon hollow fiber membranes via a confined soft templating approach. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 4144-4149	13	17
99	Third-order nonlinear optical vitreous material derived from mesoporous silica incorporated with Au nanoparticles. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 6966-6970	7.1	24
98	Yolk-shell Fe(0)@SiO ₂ nanoparticles as nanoreactors for fenton-like catalytic reaction. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 13167-73	9.5	80
97	SBA-15-incorporated nanoscale zero-valent iron particles for chromium(VI) removal from groundwater: mechanism, effect of pH, humic acid and sustained reactivity. <i>Journal of Hazardous Materials</i> , 2014 , 266, 26-33	12.8	79
96	Coupling of a bioelectrochemical system for p-nitrophenol removal in an upflow anaerobic sludge blanket reactor. <i>Water Research</i> , 2014 , 67, 11-8	12.5	74

95	One-pot fabrication and thermoelectric properties of Ag nanoparticles/polyaniline hybrid nanocomposites. <i>RSC Advances</i> , 2014 , 4, 26810-26816	3.7	36
94	Removal of phosphate from wastewater using alkaline residue. <i>Journal of Environmental Sciences</i> , 2014 , 26, 970-80	6.4	39
93	The investigation of order/disorder transition process of ZSM-5 induced by spark plasma sintering. <i>Journal of Solid State Chemistry</i> , 2014 , 212, 128-133	3.3	8
92	Electrochemical degradation of nitrobenzene by anodic oxidation on the constructed TiO ₂ -NTs/SnO ₂ -Sb/PbO ₂ electrode. <i>Chemosphere</i> , 2014 , 113, 48-55	8.4	85
91	Conversion of waste FGD gypsum into hydroxyapatite for removal of Pb ²⁺ and Cd ²⁺ from wastewater. <i>Journal of Colloid and Interface Science</i> , 2014 , 429, 68-76	9.3	45
90	Two-phase approach synthesis of high photoluminescence PbS quantum dots. <i>Materials Letters</i> , 2014 , 131, 35-37	3.3	0
89	The effect of homogeneously dispersed few-layer graphene on microstructure and mechanical properties of Al ₂ O ₃ nanocomposites. <i>Journal of the European Ceramic Society</i> , 2014 , 34, 443-451	6	72
88	Preparation of 1-D/3-D structured AgNWs/Bi ₂ Te ₃ nanocomposites with enhanced thermoelectric properties. <i>Acta Materialia</i> , 2014 , 73, 37-47	8.4	38
87	Overexpression of IbP5CR enhances salt tolerance in transgenic sweetpotato. <i>Plant Cell, Tissue and Organ Culture</i> , 2014 , 117, 1-16	2.7	70
86	An Ipomoea batatas iron-sulfur cluster scaffold protein gene, IbNFU1, is involved in salt tolerance. <i>PLoS ONE</i> , 2014 , 9, e93935	3.7	21
85	A novel β -hydrolase gene IbMas enhances salt tolerance in transgenic sweetpotato. <i>PLoS ONE</i> , 2014 , 9, e115128	3.7	34
84	Effects of Different Amount of Se-doping on Microstructures and Thermoelectric Properties of n-type Bi ₂ Te _{3-x} Se _x . <i>Wuji Cailiao Xuebao/Journal of Inorganic Materials</i> , 2014 , 29, 1139	1	5
83	Enhancement of Properties and Performance of MoSi ₂ -based Heating Elements via Low Temperature Sintering. <i>International Journal of Applied Ceramic Technology</i> , 2013 , 10, E234-E239	2	
82	Preparation and thermoelectric properties of multi-walled carbon nanotube/polyaniline hybrid nanocomposites. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 12109	13	78
81	Preparation of Er ³⁺ /Yb ³⁺ co-doped zeolite-derived silica glass and its upconversion luminescence property. <i>Ceramics International</i> , 2013 , 39, 8865-8868	5.1	14
80	Porous tubular carbon nanorods with excellent electrochemical properties. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 12198	13	44
79	Interface Microstructure and Performance of Sb Contacts in Bismuth Telluride-Based Thermoelectric Elements. <i>Journal of Electronic Materials</i> , 2013 , 42, 1219-1224	1.9	8
78	Preparation of Graphene Nanosheet/Alumina Composites. <i>Materials Science Forum</i> , 2013 , 745-746, 534-538	3.8	1

77	Poly(phenylene) block copolymers bearing tri-sulfonated aromatic pendant groups for polymer electrolyte fuel cell applications. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 8178	13	19
76	Recent development in reactive synthesis of nanostructured bulk materials by spark plasma sintering. <i>International Journal of Refractory Metals and Hard Materials</i> , 2013 , 39, 103-112	4.1	70
75	Fabrication and Thermoelectric Properties of Graphene/Bi ₂ Te ₃ Composite Materials. <i>Journal of Nanomaterials</i> , 2013 , 2013, 1-5	3.2	23
74	Preparation and Thermoelectric Properties of Polyaniline Doped with Protonic Acids. <i>Materials Science Forum</i> , 2013 , 743-744, 100-104	0.4	
73	Mechanism of Self-Propagating High-Temperature Synthesis of MoSi ₂ . <i>Materials Science Forum</i> , 2013 , 745-746, 587-593	0.4	0
72	Spark Plasma Sintering of MAX Phases and Their Related Composites 2013 , 1-33		2
71	Comparison of the Luminescence Properties of PbS Quantum Dots Prepared by Different Methods. <i>Materials Science Forum</i> , 2013 , 745-746, 616-620	0.4	0
70	Preparation of Stable Pt Nanoparticles Supported by Mesoporous Silica SBA-15. <i>Materials Science Forum</i> , 2013 , 745-746, 539-544	0.4	1
69	Nanomaterials Processed by Spark Plasma Sintering. <i>Journal of Nanomaterials</i> , 2013 , 2013, 1-1	3.2	2
68	Magnesia-zircon brick: Evolution of microstructure, properties and performance with increasing sintering temperature. <i>Science of Sintering</i> , 2013 , 45, 181-188	0.7	
67	Fabrication of Micro/Nano-Structured Bi ₂ Te ₃ Bulk Materials with Low Thermal Conductivity by Spark Plasma Sintering. <i>Journal of the American Ceramic Society</i> , 2012 , 95, 2096-2099	3.8	6
66	Significant positive magnetoresistance of graphene/carbon composite films prepared by electrospinning and subsequent heat treatment. <i>Applied Physics A: Materials Science and Processing</i> , 2012 , 106, 785-789	2.6	1
65	Formation of graphitic tubules from ordered mesoporous carbon and their effect on supercapacitive energy storage. <i>Journal of Materials Chemistry</i> , 2012 , 22, 21472		27
64	Preparation of nano-sized Bi ₂ Te ₃ thermoelectric material powders by cryogenic grinding. <i>Progress in Natural Science: Materials International</i> , 2012 , 22, 201-206	3.6	30
63	Highly Conductive Few-Layer Graphene/Al ₂ O ₃ Nanocomposites with Tunable Charge Carrier Type. <i>Advanced Functional Materials</i> , 2012 , 22, 3882-3889	15.6	122
62	Graphene layers produced from carbon nanotubes by friction. <i>Carbon</i> , 2012 , 50, 1934-1941	10.4	13
61	Effects of Polarization on Mechanical Properties of Lead Zirconate Titanate Ceramics Evaluated by Modified Small Punch Tests. <i>Japanese Journal of Applied Physics</i> , 2012 , 51, 011501	1.4	
60	Fabrication of TiB ₂ /TiC Composites by Spark Plasma Sintering. <i>Wuji Cailiao Xuebao/Journal of Inorganic Materials</i> , 2012 , 27, 961-964	1	4

59	Evaluation of Fatigue of the Lead Zirconate Titanate Ceramics under Electro-mechanical Coupling Field. <i>Wuji Cailiao Xuebao/Journal of Inorganic Materials</i> , 2012 , 27, 358-362	1	
58	Chemical Modification of Poly(vinylacetylene) and Synthesis of Poly(1,2,3-triazole)s. <i>Bulletin of the Korean Chemical Society</i> , 2011 , 32, 1471-1474	1.2	0
57	Fabrication, Microstructure and Mechanical Properties of TiC/Ti ₂ AlC/TiAl ₃ in situ Composite. <i>Journal of Materials Science and Technology</i> , 2011 , 27, 239-244	9.1	12
56	Fabrication and Characterization of Tricalcium Silicate Bioceramics with High Mechanical Properties by Spark Plasma Sintering. <i>International Journal of Applied Ceramic Technology</i> , 2011 , 8, 501-510	2	6
55	Preparation and properties of crosslinked multiblock sulfonated poly(arylene ether sulfone) membranes for fuel cell applications. <i>Journal of Applied Polymer Science</i> , 2011 , 121, 1707-1716	2.9	17
54	Mechanical properties and bioactivity of β -Ca ₂ SiO ₄ ceramics synthesized by spark plasma sintering. <i>Ceramics International</i> , 2011 , 37, 2459-2465	5.1	36
53	A microexplosion method for the synthesis of graphene nanoribbons. <i>Carbon</i> , 2011 , 49, 1439-1445	10.4	11
52	Electrical and Mechanical Properties of Fine-Grained Li/Ta-Modified (Na,K)NbO ₃ -Based Piezoceramics Prepared by Spark Plasma Sintering. <i>Journal of the American Ceramic Society</i> , 2010 , 93, 1378	3.8	52
51	Microstructure and properties of Al ₂ O ₃ -TiC-Ti ₃ SiC ₂ composites fabricated by spark plasma sintering. <i>Advances in Applied Ceramics</i> , 2010 , 109, 394-398	2.3	6
50	Ti ₃ SiC ₂ /(Ti ₃ SiC ₂ /SiC) functionally graded materials by spark plasma sintering reactive synthesis method Part 2 Fabrication and characterization. <i>Materials Technology</i> , 2010 , 25, 283-288	2.1	1
49	Ti ₃ SiC ₂ /(Ti ₃ SiC ₂ /SiC) functionally graded materials by spark plasma sintering reactive synthesis method Part 1 Gradient optimizations. <i>Materials Technology</i> , 2010 , 25, 276-282	2.1	3
48	In situ fabrication of TiC/Ti ₃ Al/Ti ₂ AlC composite by spark plasma sintering technology. <i>Journal of the Ceramic Society of Japan</i> , 2010 , 118, 872-875	1	8
47	Microstructure evolution of Ti ₃ SiC ₂ powder during high-energy ball milling. <i>Ceramics International</i> , 2010 , 36, 2227-2230	5.1	7
46	Preparation and electrical properties of graphene nanosheet/Al ₂ O ₃ composites. <i>Carbon</i> , 2010 , 48, 1743-1749	10.4	283
45	Super-hydrophobic surface of bulk carbon nanotubes compacted by spark plasma sintering followed by modification with polytetrafluorethylene. <i>Carbon</i> , 2010 , 48, 2668-2671	10.4	13
44	Asymmetric Michael Addition of Ketones to Nitroolefins Catalyzed by a New Chiral Catalyst. <i>Bulletin of the Korean Chemical Society</i> , 2010 , 31, 1280-1282	1.2	4
43	Preparation and Consolidation of Alumina/Graphene Composite Powders. <i>Materials Transactions</i> , 2009 , 50, 749-751	1.3	65
42	Formation of a unique glass by spark plasma sintering of a zeolite. <i>Journal of Materials Research</i> , 2009 , 24, 3241-3245	2.5	21

41	Effect of holding time and pressure on properties of ZrB ₂ /SiC composite fabricated by the spark plasma sintering reactive synthesis method. <i>International Journal of Refractory Metals and Hard Materials</i> , 2009 , 27, 177-180	4.1	40
40	Substrate Effect on the Magnetoelectric Behavior of Pb(Zr _{0.52} Ti _{0.48})O ₃ Film-On-CoFe ₂ O ₄ Bulk Ceramic Composites Prepared by Direct Solution Spin Coating. <i>Journal of the American Ceramic Society</i> , 2009 , 92, 2654-2660	3.8	29
39	Transport properties of hot-pressed bulk carbon nanotubes compacted by spark plasma sintering. <i>Carbon</i> , 2009 , 47, 1135-1140	10.4	23
38	Microstructures and mechanical properties of TiN-TiB ₂ -Ti ₅ Si ₃ composites in-situ fabricated by spark plasma sintering. <i>Journal of the Ceramic Society of Japan</i> , 2009 , 117, 1085-1088	1	1
37	SPS Fabrication, Microstructure and Electric Properties of TiC/Ti ₂ AlC/Ti _x Al _y in-situ Composites. <i>Wuji Cailiao Xuebao/Journal of Inorganic Materials</i> , 2009 , 24, 1168-1172	1	
36	Mechanical Properties of CaSiO ₃ /Ti ₃ SiC ₂ Composites and Hydroxyapatite Forming Ability in Simulated Body Fluid. <i>Materials Transactions</i> , 2008 , 49, 2310-2314	1.3	5
35	Microstructure and properties of Ti ₃ SiC ₂ /SiC nanocomposites fabricated by spark plasma sintering. <i>Composites Science and Technology</i> , 2008 , 68, 499-505	8.6	52
34	Synthesis of a novel perfluorinated acrylate copolymer containing hydroxyethyl sulfone as crosslinking group and its application on cotton fabrics. <i>Journal of Materials Processing Technology</i> , 2008 , 205, 243-248	5.3	14
33	High temperature oxidation behavior and mechanism of Ti ₃ SiC ₂ /SiC nanocomposites in air. <i>Composites Science and Technology</i> , 2008 , 68, 1531-1538	8.6	19
32	Effect of TiC content on the microstructure and properties of Ti ₃ SiC ₂ /SiC composites in situ fabricated by spark plasma sintering. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2008 , 487, 137-143	5.3	91
31	Microstructure and Properties of TiSi ₂ based Composites in situ Prepared by SPS. <i>Wuji Cailiao Xuebao/Journal of Inorganic Materials</i> , 2008 , 23, 209-211	1	3
30	Friction and Wear Resistance of Ti ₃ SiC ₂ -SiC Composites. <i>Wuji Cailiao Xuebao/Journal of Inorganic Materials</i> , 2008 , 23, 1147-1150	1	
29	Surface graphitization and mechanical properties of hot-pressed bulk carbon nanotubes compacted by spark plasma sintering. <i>Carbon</i> , 2007 , 45, 2636-2642	10.4	28
28	Preparation and Microstructure of a ZrB ₂ /SiC Composite Fabricated by the Spark Plasma Sintering-Reactive Synthesis (SPSRS) Method. <i>Journal of the American Ceramic Society</i> , 2007 , 90, 070918221104010-???	2.8	5
27	Rapid fabrication of Ti ₃ SiC ₂ /SiC nanocomposite using the spark plasma sintering-reactive synthesis (SPS-RS) method. <i>Scripta Materialia</i> , 2007 , 56, 241-244	5.6	74
26	Reaction Path and Microstructures of Ti ₃ SiC ₂ /SiC Composite by Spark Plasma Sintering. <i>Key Engineering Materials</i> , 2007 , 336-338, 1368-1370	0.4	1
25	Effect of Ti ₃ SiC ₂ Content on Mechanical Properties of Ti ₅ Si ₃ -TiC-Ti ₃ SiC ₂ Composites. <i>Key Engineering Materials</i> , 2007 , 336-338, 1383-1385	0.4	5
24	Effect of TiC Content on Fracture Toughness of TiC-Ti ₅ Si ₃ Composites. <i>Key Engineering Materials</i> , 2007 , 280-283, 1885-1888	0.4	1

23	Fabrication of high purity Ti ₃ SiC ₂ from Ti/Si/C with the aids of Al by spark plasma sintering. <i>Journal of Alloys and Compounds</i> , 2007 , 437, 203-207	5.7	36
22	Cyclic Fatigue of Alumina Ceramics as Evaluated by Modified Small Punch Tests. <i>Key Engineering Materials</i> , 2007 , 336-338, 2426-2428	0.4	
21	Microstructure and properties of Al ₂ O ₃ /TiC nanocomposites fabricated by spark plasma sintering from high-energy ball milled reactants. <i>Journal of the European Ceramic Society</i> , 2006 , 26, 3393-3397	6	43
20	Carbon tubes produced during high-energy ball milling process. <i>Scripta Materialia</i> , 2006 , 54, 93-97	5.6	23
19	Microstructure Characterization and Mechanical Properties of TiSi ₂ -SiC-Ti ₃ SiC ₂ Composites Prepared by Spark Plasma Sintering. <i>Materials Transactions</i> , 2006 , 47, 845-848	1.3	11
18	Novel Fabrication Route to Al ₂ O ₃ /TiN Nanocomposites Via Spark Plasma Sintering. <i>Journal of the American Ceramic Society</i> , 2006 , 89, 1540-1543	3.8	21
17	Consolidation of Nano-Sized TiN Powders by Spark Plasma Sintering. <i>Journal of the American Ceramic Society</i> , 2006 , 89, 060601012420003-???	3.8	4
16	Preparation of alumina membrane from aluminium chloride. <i>Journal of Membrane Science</i> , 2006 , 275, 6-11	9.6	29
15	Preliminary studies on the gelation time of poly(ether sulfones) membrane-forming system with an elongation method. <i>Journal of Membrane Science</i> , 2006 , 275, 46-51	9.6	24
14	High temperature electrical and thermal properties of the bulk carbon nanotube prepared by SPS. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2006 , 420, 208-211	5.3	40
13	Effect of starting SiC particle size on in situ fabrication of Ti ₅ Si ₃ /TiC composites. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2006 , 425, 219-224	5.3	24
12	In-situ synthesized Ti ₅ Si ₃ /TiC composites by spark plasma sintering technology. <i>Journal of Materials Science</i> , 2006 , 41, 3831-3835	4.3	24
11	Evaluation of High-Temperature Strength of Mo/PSZ Composites by Modified Small Punch Tests. <i>Materials Transactions</i> , 2005 , 46, 631-636	1.3	8
10	Effect of Fabrication Method on Microstructure and Properties of Al ₂ O ₃ -TiC Composites. <i>Materials Transactions</i> , 2005 , 46, 2015-2019	1.3	12
9	Microstructure of Ti ₅ Si ₃ /TiC/Ti ₃ SiC ₂ and Ti ₅ Si ₃ /TiC nanocomposites in situ synthesized by spark plasma sintering. <i>Journal of Materials Research</i> , 2004 , 19, 3004-3008	2.5	35
8	Glass-Ceramic Protective Coating for Titanium Alloys. <i>Journal of the American Ceramic Society</i> , 2004 , 85, 2867-2869	3.8	19
7	Rapid Reactive Synthesis and Sintering of Submicron TiC/SiC Composites through Spark Plasma Sintering. <i>Journal of the American Ceramic Society</i> , 2004 , 87, 1157-1160	3.8	44
6	Rapidly sintering nanosized SiC particle reinforced TiC composites by the spark plasma sintering (SPS) technique. <i>Journal of Materials Science</i> , 2004 , 39, 4515-4519	4.3	51

5	Fabrication and characterization of nano-SiC particles reinforced TiC/SiC nano composites. <i>Materials Letters</i> , 2004 , 58, 1401-1404	3.3	39
4	Transition-metal doped titanium-oxo clusters with diverse structures and tunable photochemical properties. <i>New Journal of Chemistry</i> ,	3.6	1
3	Chemical Vapor Deposition Mediated Phase Engineering for 2D Transition Metal Dichalcogenides: Strategies and Applications. <i>Small Science</i> , 2100047		14
2	Simultaneous Synthesis and Densification of TiSi ₂ /SiC Submicron-Composites via Spark Plasma Sintering. <i>Ceramic Transactions</i> , 189-193	0.1	
1	Heterogeneous Diamond-cBN Composites with Superb Toughness and Hardness. <i>Nano Letters</i> ,	11.5	0